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L15 and (variable same buffer\$3)	7

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US Pre-Grant Publication Full-Text Database	
JPO Abstracts Database	
EPO Abstracts Database	
Derwent World Patents Index	
IBM Technical Disclosure Bulletins	▼

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DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

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<u>L1</u>	synchroniz\$6 and ((motion or time) same data)	101898	<u>L1</u>

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 50 of 67 returned.**☐ 1. Document ID: US 6477181 B1

L6: Entry 1 of 67

File: USPT

Nov 5, 2002

US-PAT-NO: 6477181

DOCUMENT-IDENTIFIER: US 6477181 B1

TITLE: Data communication method and system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 2. Document ID: US 6363209 B1

L6: Entry 2 of 67

File: USPT

Mar 26, 2002

US-PAT-NO: 6363209

DOCUMENT-IDENTIFIER: US 6363209 B1

TITLE: Signal recording/reproducing method and apparatus, signal record medium and signal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 3. Document ID: US 6351474 B1

L6: Entry 3 of 67

File: USPT

Feb 26, 2002

US-PAT-NO: 6351474

DOCUMENT-IDENTIFIER: US 6351474 B1

TITLE: Network distributed remultiplexer for video program bearing transport streams

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 4. Document ID: US 6351471 B1

L6: Entry 4 of 67

File: USPT

Feb 26, 2002

US-PAT-NO: 6351471

DOCUMENT-IDENTIFIER: US 6351471 B1

TITLE: Bandwidth optimization of video program bearing transport streams

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMNC
Draw Desc	Image										

☐ 5. Document ID: US 6345146 B1

L6: Entry 5 of 67

File: USPT

Feb 5, 2002

US-PAT-NO: 6345146

DOCUMENT-IDENTIFIER: US 6345146 B1

TITLE: Signal recording/reproducing method and apparatus, signal record medium and signal transmission/reception method and apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMNC
Draw Desc	Image									

☐ 6. Document ID: US 6345145 B1

L6: Entry 6 of 67

File: USPT

Feb 5, 2002

US-PAT-NO: 6345145

DOCUMENT-IDENTIFIER: US 6345145 B1

TITLE: Signal recording/reproducing method and apparatus, signal record medium and signal transmission/reception method and apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMNC
Draw Desc	Image									

☐ 7. Document ID: US 6340977 B1

L6: Entry 7 of 67

File: USPT

Jan 22, 2002

US-PAT-NO: 6340977

DOCUMENT-IDENTIFIER: US 6340977 B1

TITLE: System and method for dynamic assistance in software applications using behavior and host application models

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMNC
Draw Desc	Image									

☐ 8. Document ID: US 6330286 B1

L6: Entry 8 of 67

File: USPT

Dec 11, 2001

US-PAT-NO: 6330286

DOCUMENT-IDENTIFIER: US 6330286 B1

TITLE: Flow control, latency control, and bitrate conversions in a timing correction and frame synchronization apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KUMC
Draw Desc	Image									

☐ 9. Document ID: US 6317165 B1

L6: Entry 9 of 67

File: USPT

Nov 13, 2001

US-PAT-NO: 6317165

DOCUMENT-IDENTIFIER: US 6317165 B1

TITLE: System and method for selective capture of video frames

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KUMC
Draw Desc	Image									

☐ 10. Document ID: US 6314137 B1

L6: Entry 10 of 67

File: USPT

Nov 6, 2001

US-PAT-NO: 6314137

DOCUMENT-IDENTIFIER: US 6314137 B1

TITLE: Video data compression system, video recording/playback system, and video data compression encoding method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KUMC
Draw Desc	Image									

☐ 11. Document ID: US 6292490 B1

L6: Entry 11 of 67

File: USPT

Sep 18, 2001

US-PAT-NO: 6292490

DOCUMENT-IDENTIFIER: US 6292490 B1

TITLE: Receipts and dispatch timing of transport packets in a video program bearing stream remultiplexer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KUMC
Draw Desc	Image									

☐ 12. Document ID: US 6262776 B1

L6: Entry 12 of 67

File: USPT

Jul 17, 2001

US-PAT-NO: 6262776

DOCUMENT-IDENTIFIER: US 6262776 B1

TITLE: System and method for maintaining synchronization between audio and video

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 13. Document ID: US 6246701 B1

L6: Entry 13 of 67

File: USPT

Jun 12, 2001

US-PAT-NO: 6246701

DOCUMENT-IDENTIFIER: US 6246701 B1

TITLE: Reference time clock locking in a remultiplexer for video program bearing transport streams

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 14. Document ID: US 6226038 B1

L6: Entry 14 of 67

File: USPT

May 1, 2001

US-PAT-NO: 6226038

DOCUMENT-IDENTIFIER: US 6226038 B1

TITLE: HDTV editing and effects previzualization using SDTV devices

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 15. Document ID: US 6195368 B1

L6: Entry 15 of 67

File: USPT

Feb 27, 2001

US-PAT-NO: 6195368

DOCUMENT-IDENTIFIER: US 6195368 B1

TITLE: Re-timing of video program bearing streams transmitted by an asynchronous communication link

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 16. Document ID: US 6157621 A

L6: Entry 16 of 67

File: USPT

Dec 5, 2000

US-PAT-NO: 6157621

DOCUMENT-IDENTIFIER: US 6157621 A

TITLE: Satellite communication system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 17. Document ID: US 6148082 A

L6: Entry 17 of 67

File: USPT

Nov 14, 2000

US-PAT-NO: 6148082

DOCUMENT-IDENTIFIER: US 6148082 A

TITLE: Scrambling and descrambling control word control in a remultiplexer for video bearing transport streams

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 18. Document ID: US 6111896 A

L6: Entry 18 of 67

File: USPT

Aug 29, 2000

US-PAT-NO: 6111896

DOCUMENT-IDENTIFIER: US 6111896 A

TITLE: Remultiplexer for video program bearing transport streams with program clock reference time stamp adjustment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 19. Document ID: US 6088045 A

L6: Entry 19 of 67

File: USPT

Jul 11, 2000

US-PAT-NO: 6088045

DOCUMENT-IDENTIFIER: US 6088045 A

TITLE: High definition multimedia display

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 20. Document ID: US 6064676 A

L6: Entry 20 of 67

File: USPT

May 16, 2000

US-PAT-NO: 6064676

DOCUMENT-IDENTIFIER: US 6064676 A

TITLE: Remultipelxer cache architecture and memory organization for storing video program bearing transport packets and descriptors

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 26 of 26 returned.**☐ 1. Document ID: US 6466185 B2

L11: Entry 1 of 26

File: USPT

Oct 15, 2002

US-PAT-NO: 6466185

DOCUMENT-IDENTIFIER: US 6466185 B2

TITLE: Multi-planar volumetric display system and method of operation using psychological vision cues

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw. Desc	Image										

☐ 2. Document ID: US 6456737 B1

L11: Entry 2 of 26

File: USPT

Sep 24, 2002

US-PAT-NO: 6456737

DOCUMENT-IDENTIFIER: US 6456737 B1

TITLE: Data processing system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw. Desc	Image										

☐ 3. Document ID: US 6400996 B1

L11: Entry 3 of 26

File: USPT

Jun 4, 2002

US-PAT-NO: 6400996

DOCUMENT-IDENTIFIER: US 6400996 B1

TITLE: Adaptive pattern recognition based control system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw. Desc	Image										

☐ 4. Document ID: US 6377229 B1

L11: Entry 4 of 26

File: USPT

Apr 23, 2002

US-PAT-NO: 6377229

DOCUMENT-IDENTIFIER: US 6377229 B1

TITLE: Multi-planar volumetric display system and method of operation using three-dimensional anti-aliasing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 5. Document ID: US 6366732 B1

L11: Entry 5 of 26

File: USPT

Apr 2, 2002

US-PAT-NO: 6366732

DOCUMENT-IDENTIFIER: US 6366732 B1

TITLE: Machine readable recording medium, reproduction apparatus, and method for setting pre-reproduction parameters and post-reproduction parameters for video objects

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 6. Document ID: US 6356707 B1

L11: Entry 6 of 26

File: USPT

Mar 12, 2002

US-PAT-NO: 6356707

DOCUMENT-IDENTIFIER: US 6356707 B1

TITLE: Multimedia optical disk, reproduction apparatus and method for achieving variable scene development based on interactive control

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 7. Document ID: US 6331851 B1

L11: Entry 7 of 26

File: USPT

Dec 18, 2001

US-PAT-NO: 6331851

DOCUMENT-IDENTIFIER: US 6331851 B1

TITLE: Graphic display apparatus, synchronous reproduction method, and AV synchronous reproduction apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 8. Document ID: US 6317130 B1

L11: Entry 8 of 26

File: USPT

Nov 13, 2001

US-PAT-NO: 6317130

DOCUMENT-IDENTIFIER: US 6317130 B1

TITLE: Apparatus and method for generating skeleton-based dynamic picture images as well as medium storing therein program for generation of such picture images

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

☐ 9. Document ID: US 6226446 B1

L11: Entry 9 of 26

File: USPT

May 1, 2001

US-PAT-NO: 6226446

DOCUMENT-IDENTIFIER: US 6226446 B1

TITLE: Machine readable recording medium, reproduction apparatus and method for controlling selection of menu items within a video object

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

☐ 10. Document ID: US 6215898 B1

L11: Entry 10 of 26

File: USPT

Apr 10, 2001

US-PAT-NO: 6215898

DOCUMENT-IDENTIFIER: US 6215898 B1

TITLE: Data processing system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

☐ 11. Document ID: US 6185365 B1

L11: Entry 11 of 26

File: USPT

Feb 6, 2001

US-PAT-NO: 6185365

DOCUMENT-IDENTIFIER: US 6185365 B1

TITLE: Multimedia optical disk, reproduction apparatus and method for achieving variable scene development based on interactive control

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

☐ 12. Document ID: US 6142913 A

L11: Entry 12 of 26

File: USPT

Nov 7, 2000

US-PAT-NO: 6142913

DOCUMENT-IDENTIFIER: US 6142913 A

TITLE: Dynamic real time exercise video apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 13. Document ID: US 6141034 A

L11: Entry 13 of 26

File: USPT

Oct 31, 2000

US-PAT-NO: 6141034

DOCUMENT-IDENTIFIER: US 6141034 A

TITLE: Immersive imaging method and apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 14. Document ID: US 6111582 A

L11: Entry 14 of 26

File: USPT

Aug 29, 2000

US-PAT-NO: 6111582

DOCUMENT-IDENTIFIER: US 6111582 A

TITLE: System and method of image generation and encoding using primitive reprojection

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 15. Document ID: US 6100862 A

L11: Entry 15 of 26

File: USPT

Aug 8, 2000

US-PAT-NO: 6100862

DOCUMENT-IDENTIFIER: US 6100862 A

TITLE: Multi-planar volumetric display system and method of operation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 16. Document ID: US 6057847 A

L11: Entry 16 of 26

File: USPT

May 2, 2000

US-PAT-NO: 6057847

DOCUMENT-IDENTIFIER: US 6057847 A

TITLE: System and method of image generation and encoding using primitive reprojection

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 17. Document ID: US 6004243 A

L11: Entry 17 of 26

File: USPT

Dec 21, 1999

US-PAT-NO: 6004243

DOCUMENT-IDENTIFIER: US 6004243 A

TITLE: Dynamic real time exercise video apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 18. Document ID: US 5907658 A

L11: Entry 18 of 26

File: USPT

May 25, 1999

US-PAT-NO: 5907658

DOCUMENT-IDENTIFIER: US 5907658 A

TITLE: Multimedia optical disk, reproduction apparatus and method for achieving variable scene development based on interactive control

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 19. Document ID: US 5859979 A

L11: Entry 19 of 26

File: USPT

Jan 12, 1999

US-PAT-NO: 5859979

DOCUMENT-IDENTIFIER: US 5859979 A

TITLE: System for negotiating conferencing capabilities by selecting a subset of a non-unique set of conferencing capabilities to specify a unique set of conferencing capabilities

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 20. Document ID: US 5848373 A

L11: Entry 20 of 26

File: USPT

Dec 8, 1998

US-PAT-NO: 5848373

DOCUMENT-IDENTIFIER: US 5848373 A

TITLE: Computer aided map location system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 21. Document ID: US 5748196 A

L11: Entry 21 of 26

File: USPT

May 5, 1998

US-PAT-NO: 5748196

DOCUMENT-IDENTIFIER: US 5748196 A

TITLE: Implementing branching operations at processing intersections in interactive applications

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 22. Document ID: US 5650941 A

L11: Entry 22 of 26

File: USPT

Jul 22, 1997

US-PAT-NO: 5650941

DOCUMENT-IDENTIFIER: US 5650941 A

TITLE: Computer architecture for creating and manipulating displayable objects

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 23. Document ID: US 5619256 A

L11: Entry 23 of 26

File: USPT

Apr 8, 1997

US-PAT-NO: 5619256

DOCUMENT-IDENTIFIER: US 5619256 A

TITLE: Digital 3D/stereoscopic video compression technique utilizing disparity and motion compensated predictions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 24. Document ID: US 5612735 A

L11: Entry 24 of 26

File: USPT

Mar 18, 1997

US-PAT-NO: 5612735

DOCUMENT-IDENTIFIER: US 5612735 A

TITLE: Digital 3D/stereoscopic video compression technique utilizing two disparity estimates

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 25. Document ID: US 5574934 A

L11: Entry 25 of 26

File: USPT

Nov 12, 1996

US-PAT-NO: 5574934

DOCUMENT-IDENTIFIER: US 5574934 A

TITLE: Preemptive priority-based transmission of signals using virtual channels

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 26. Document ID: US 5510832 A

L11: Entry 26 of 26

File: USPT

Apr 23, 1996

US-PAT-NO: 5510832

DOCUMENT-IDENTIFIER: US 5510832 A

TITLE: Synthesized stereoscopic imaging system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMIC

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audio visual frame synchronization

Google Search

[Web](#) [Images](#) [Groups](#) [Directory](#) [News](#)
Searched the web for **audio visual frame synchronization**. Results 1 - 100 of about 18,400. Search took 0.35 s

Speech-assisted lip **synchronization** in audio-visual ...

... teleconferencing; video coding; **audio-visual** communications; speech-assisted lip **synchronization**; speech information ... speech-assisted **frame-rate** conversion ...
www.computer.org/proceedings/icip/7310/volume2/73102579abs.htm - 11k -
[Cached](#) - [Similar pages](#)

Protocol Directory - **Audio Visual** over ATM

... for compressed representation of video and **audio** sequences using ... At least one packet with **synchronization** information must be ... slot within the MPEG **frame**, bit 2 ...
www.protocols.com/pbook/audiov.htm - 36k - [Cached](#) - [Similar pages](#)

Audio-Visual Integration In Multimodal Communication - Chen, Rao ...

... lip-reading, facial animation, lip **synchronization**, joint **audio** ... Recent progress in **audio-visual** research shows that joint ... approach [11] The wire **frame** method is ...
citeseer.nj.nec.com/chen98audiovisual.html - 31k - [Cached](#) - [Similar pages](#)

Citations: DECFace: An automatic lip-**synchronization** algorithm ...

... **Audio-Visual** Integration In Multimodal Communication - Chen, Rao ... 44] and the wire **frame** model (twodimensional or ... an automatic lip-**synchronization** algorithm for ...
citeseer.nj.nec.com/context/270067/79711 - 37k - [Cached](#) - [Similar pages](#)
[\[More results from citeseer.nj.nec.com \]](#)

DSPLab: The Vidas Project

... first this global improvement of **audio-visual** communication on ... **Frame** skipping introduces artifacts like jerky motion and loss of lip **synchronization** in talking ...
www.dsp.dist.unige.it/projects/vidas.html - 7k - [Cached](#) - [Similar pages](#)

Audio Visual Lighting - MC3232

... 1 Main **frame** MC3232ASS Unbalanced stereo **audio**. ... interval switching with internal - external **synchronization**. ... **Audio Visual** Lighting bvba - Heidekant 16 - 9280 ...
www.xs4all.be/avl/elca/mc3232.htm - 42k - [Cached](#) - [Similar pages](#)

Audio Visual Lighting - MC3225

... 1 Main **frame** MC3225ASS Unbalanced stereo **audio**. ... interval switching with internal/external **synchronization**. ... **Audio Visual** Lighting bvba - Heidekant 16 - 9280 ...
www.xs4all.be/avl/elca/mc3225.htm - 57k - [Cached](#) - [Similar pages](#)
[\[More results from www.xs4all.be \]](#)

[PDF]Error resilience features of MPEG-4 **audio -visual** coding and ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... level 1 modification to give much better **synchronization** and error ... MC/PM/HEC for the previous **frame**, can be ... They can be used as an **audio-visual** browser mainly ...

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Audio Visual Link

A/V Rentals Anytime - Anywhere
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www.avideolink.com
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HB Communications

The Northeast's leader in AV
 equipment & technology solutions.
www.hbcommunications.com
 Interest:

BrilliantPoint

Audio visual production company
 specializing in small meetings.
www.brilliantpoint.com
 Interest:

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10/068,829

www.ifip.or.at/con2000/icct2000/icct488.pdf - [Similar pages](#)

[\[PS\]cairo.cs.uiuc.edu/~klara/Spring97/HW97-2.ps](http://ps.cairo.cs.uiuc.edu/~klara/Spring97/HW97-2.ps)

File Format: Adobe PostScript - [View as Text](#)

... is recorded at 25 frames per second, one **frame** is on ... **audio** for 120 ms what is the **synchronization** specification for. presentation of the **audio-visual** information ...

[Similar pages](#)

[\[PS\]cairo.cs.uiuc.edu/~klara/Spring99/HW99-2.ps](http://ps.cairo.cs.uiuc.edu/~klara/Spring99/HW99-2.ps)

File Format: Adobe PostScript - [View as Text](#)

... To send a FDDI **frame** in asynchronous mode it takes o ... 20 Points) Assume multimedia presentation where a speaker uses pointer, **audio** and 5 **visual** clips (image ...

[Similar pages](#)

[[More results from cairo.cs.uiuc.edu](#)]

Audio Driven Facial Animation for Audio-Visual Reality

... Back to **Audio Visual** Animation>. ... The timing information is extracted from the incoming **audio** stream using the ... v 2 occurs in time T. To generate a **frame** at time ...

www.research.ibm.com/people/l/lvsubram/publications/conferences/icme01/icme01.html - 27k - [Cached](#) - [Similar pages](#)

[\[PDF\]Audio-Visual Unit Selection for the Synthesis of Photo-Realistic ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... The target cost for **frame** t and candidate u ... a very similar appearance in the **visual** domain and ... measures the distance of the **audio-visual** coarticulation context ...

www.research.ibm.com/AVSTG/ICME00_SYNTHESIS.pdf - [Similar pages](#)

[[More results from www.research.ibm.com](#)]

[\[PDF\]Frame Estimation and Audio -Video Synchronization in Video - ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... we investigate human tolerance towards **audio-video synchronization** ... in the evaluation of the **visual** quality and ... signal to noise ratio for each **frame** individually ...

www.seas.gwu.edu/research/pdf/abstractay.pdf - [Similar pages](#)

Axxis Audio Visual Glossary

... Multimedia Any combinations of Video, **Audio** and **Visual** presentations. Non Interlaced Only a single horizontal video scan per video **frame**. ...

www.axxisinc.com/av%20glossary.htm - 23k - [Cached](#) - [Similar pages](#)

[\[PDF\]SECOND GENERATION AUDIO TO VIDEO SYNCHRONIZATION](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... CCD CAMERA GENERATED VISION DELAYS **Audio** to video **synchronization** errors ... on the sensor type, the **visual** delay may ... the liberal use of digital **frame** store based ...

www.pixelinstruments.tv/5ProfesArticles/2ndGenAud-VidSync.pdf - [Similar pages](#)

[\[PDF\]AUDIO TO VIDEO SYNCHRONIZATION ERRORS, SOURCES, MEASUREMENT AND ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... corresponding image delay will be almost one **frame** due to ... see and judge motion, especially motion related to **audio**. In addition to the **visual** delay in the CCD ...

www.pixelinstruments.tv/4AppNotes/AUDIO%20TO%20VIDEO%20SYNCHRONIZATION%20ERRORS.pdf - [Similar pages](#)

[[More results from www.pixelinstruments.tv](#)]

[FlashFilmmaker.Com : Tutorial: Basics Of Audio Sync in Flash](#)

... As you do this the **audio** packet attached to each **frame** can be ... This technique allows you to pinpoint the exact **audio** packet you want your **visual** FX attached ...

www.flashfilmmaker.com/lessons/technique/audiosync/ - 11k - [Cached](#) - [Similar pages](#)

Signal Processing Laboratory (LTS)- TV Group -

... Overall improvement of **audio-visual** communication will be ... **Frame** skipping introduces artifacts like jerky motion and loss of lip **synchronization** in talking ...

itswww.epfl.ch/research/description/vidas.html - 12k - [Cached](#) - [Similar pages](#)

M4 / D1.1

... Also ensure perfect **synchronization** between VITC and each **frame** of video. ... For **audio-visual** recordings, the installation is dimensioned for a room with six ...

www.dcs.shef.ac.uk/spandh/projects/ m4/publicDelivs/D1-1.html - 9k - [Cached](#) - [Similar pages](#)

[PDF]Noise Adaptive Stream Weighting in Audio-Visual Speech ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Page 1. Noise Adaptive Stream Weighting in **Audio-Visual** Speech Recognition Martin

Heckmann , Fr'ed'eric Berthommier , Kristian Kroschel Institut f'ur ...

www.dcs.shef.ac.uk/research/groups/spandh/projects/ respite/publications/heckmann_jasp_01.pdf -

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Results

... for presenting these structures in a **visual** and tangible ... of media like video and **audio**, but generally ... databases: Use of the **frame synchronization** technique to ...

portal.acm.org/

results.cfm?query=%3CWORD%3E%20%22H.5.1%22%20%3CIN%3E%20CCS&querydisp=%3CWORD%3E%20

- [Similar pages](#)

Content Wire - Content Management & Lifecycle Technologies - ...

... the developer to see **visual** clues to musical timing from a **visual Synchronization** track, the **frame** rate calculator helps developers choose **audio** that will work ...

www.content-wire.com/audiovisual/ audiovisual.cfm?ccs=119&cs=374 - 54k - [Cached](#) - [Similar pages](#)

[PDF]Dave Singer Apple Computer

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... **Visual Stream Visual Stream Visual Stream Audio Stream** ... of 2D and 3D, + Advanced **Audio** Features, + Timing ... 20 - 6/4/01 MP4 -Example Layout **frame** sample sample ...

www.smpte.org/conferences/systems.pdf - [Similar pages](#)

Technology Transfer

... Multimedia Communications Delay, **Synchronization**, and **Frame** Rate Measurement." ... methods for **audio** delay, video delay, and **audio-visual synchronization**. ...

www.its.bldrdoc.gov/n3/video/transfer.htm - 9k - [Cached](#) - [Similar pages](#)

CV

... Perform research on **audio-visual** interaction. ... Applied joint **audio**-video processing to very-low ... with multiple cameras and the issue of **frame synchronization**. ...

www.ece.cmu.edu/~tsuhan/cv.htm - 101k - [Cached](#) - [Similar pages](#)

Tsuhan Chen

... 29. "A new **frame** interpolation scheme ... on Image Processing, October 1995. 30.

"Speech-assisted

lip **synchronization** in **audio-visual** communications," T ...

www.ece.cmu.edu/~tsuhan/pub.html - 101k - [Cached](#) - [Similar pages](#)

rfc3016 - RTP Payload Format for MPEG-4 Audio/Visual Streams

... timestamp |Header +-+ +-+

synchronization source ... first **audio frame** contained ... 4 **Audio/Visual** streams ...

Description: RTP Payload Format for MPEG-4 **Audio/Visual** Streams. Y. Kikuchi, T. Nomura, S. Fukunaga, Y. Matsui,...

Category: [Computers > Internet > RFCs > 3001 - 3100](#)

www.faqs.org/rfcs/rfc3016.html - 46k - [Cached](#) - [Similar pages](#)

Welcome to AVW-TELAV Audio Visual Solutions

... film encased in glass with a plastic **frame**; keeps dust and ... is not directly aligned with the **visual** center of ... In video, this signal carries both **audio**- and video ...

www.avw.com/planning/_glossary.cfm?image=five - 58k - [Cached](#) - [Similar pages](#)

Macromedia - Flash TechNotes: What are some ways to synch audio ...

... to synching **audio** and **visual** content ... Keywords: **audio** synch, synchronize, **synchronization**, sound stream, QuickTime, Director, Shockwave, **frame** rate, tempo. ...

www.macromedia.com/support/flash/ts/ documents/audio_synch_options.htm - 20k - [Cached](#) - [Similar pages](#)

[PDF]TEXT-TO-AUDIO-VISUAL SPEECH SYNTHESIS BASED ON PARAMETER ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... are modeled in the same **frame** work simultaneously ... **Audio-visual** synthesis with various speaker individuality is our ... synthesized by rule," The **Visual** Computer, 3 ...

sp-www.ip.titech.ac.jp/research/pdf/euro99-TTAVS.pdf - [Similar pages](#)

[PDF]Text-to-Visual Speech Synthesis Based on Parameter Generation ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... appropriate classes in a **frame-by-frame** basis using ... In the latter approach, **visual** speech is generated ... a new approach to text-to- **audio-visual** speech synthesis ...

sp-www.ip.titech.ac.jp/research/pdf/icassp98-avsynHMM.pdf - [Similar pages](#)

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[PDF]DCT-BASED VIDEO FEATURES FOR AUDIO-VISUAL SPEECH RECOGNITION ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... tests we used a single-speaker **audio-visual** database recorded ... extracted from each image **frame** was varied ... **Synchronization** between the **audio** and video stream was ...

www.icp.inpg.fr/~savario/_postscript/ ICSLP2002_martin.pdf - [Similar pages](#)

[PDF]Use of Vertical Face Profiles for Text Dependent Audio-Visual ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... strategy is that it captures the temporal **synchronization** of the **audio** and **visual** events ... The LPCCs are extracted for a **frame** size of 20ms and **frame** shift of ...

www.ee.iitb.ac.in/~icvgip/PAPERS/183.pdf - [Similar pages](#)

[PDF]FaceSync: A linear operator for measuring synchronization of ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... algorithm and canonical correlation to measure **audio- visual** synchrony. ... For each form of **audio** analysis, we used a ... size that was twice the **frame** interval (2 ...

rvl4.ecn.purdue.edu/~malcolm/interval/ 2000-FaceSync/FaceSync0520.pdf - [Similar pages](#)

RFC 3016 - RTP Payload Format for MPEG-4 Audio/Visual Streams. Y ...

... **Visual** streams without using the **synchronization** and stream ... Payload Format for MPEG-4 **Audio/Visual** November 2000 ... payload is a single **audio frame**, packet loss ...

rfc.sunsite.dk/rfc/rfc3016.html - 50k - [Cached](#) - [Similar pages](#)

[DOC]AUDIO-VISUAL SPEECH RECOGNITION BY SPEECHREADINGFile Format: Microsoft Word 2000 - [View as HTML](#)... simple and it does not require **synchronization** of the ... a traditional HMM on the concatenated **audio-visual** observation vectors ... Since the video has a **frame** rate of ...users.ece.gatech.edu/~xzhang/Publications/dsp.doc - [Similar pages](#)**Utilising Human Audio Visual Response for Lip Synchronisation in ...**... human perceptual acceptance of asynchronous **audio visual** speech is not ... jitter in the animation **frame** rate. ... of Asynchronous and Conflicting **Visual** and Auditory ...www.brunel.ac.uk/faculty/tech/systems/groups/vvr/vrsig97/proceed/006/vrsig97.html - 40k - [Cached](#) - [Similar pages](#)**HEI -- Glossary of Telecommunications Terms**... 221 ITU-T recommendation regarding **frame** structure for ... recommendation regarding Multimedia multiplex and **synchronization** for **audio-visual** communication in ...www.hei.ca/glossary2.html - 44k - [Cached](#) - [Similar pages](#)**[PDF]RT 4 HDfocus**File Format: PDF/Adobe Acrobat - [View as HTML](#)... also boasts software-controlled **frame**-accurate cross ... based entertainment and retail **visual** merchandising applications ... switching between the **audio/** video output ...www.imaginegraphics.co.uk/downloads/ ReelTime4%20Datasheet.pdf - [Similar pages](#)**[PDF]A Utility Framework for the Automatic Generation of Audio-Visual ...**File Format: PDF/Adobe Acrobat - [View as HTML](#)... constrained due to multimedia **synchronization** constraints, **visual** ... smooth the sequence of **frame** labels ... our algorithm for automatic **audio- visual** skim generation ...dma.asu.edu/userfiles/hsundar/acmmm2k2-final.pdf - [Similar pages](#)**1kHz pulse synchronization | Super 8mm Directory**... Wolfgang Thuille -- 1kHz pulse **synchronization** ... for the camera's **frame** rate and **frame** rate alterations. ... is the use of an AV (**audio-visual**) recorder which is ...www.jl-site.com/Super8/1kHz_pulse_synch.html - 12k - [Cached](#) - [Similar pages](#)**[PDF]SyncCheck DS Jun 2000.qxd**File Format: PDF/Adobe Acrobat - [View as HTML](#)... in the compressed video domain **Visual** Interpretation of ... extraction Video thumbnail generation **Audio** elementary stream ... & DTS extraction Flash **frame** catalog MPEG ...www.interra.tv/documents/SyncCheck.pdf - [Similar pages](#)**PRODUCTS AND SERVICES - Case Studies**... to tap today's best digital **audio/visual** technologies ... was chosen to develop the **audio**, video and ... Providing **frame**-accurate cross-channel **synchronization** for the ...www.visualcircuits.com/prod_serv/ casestudies_odyssey.cfm - 23k - [Cached](#) - [Similar pages](#)**[PDF]RT 2 H 4**File Format: PDF/Adobe Acrobat - [View as HTML](#)... High resolution video and CD- quality **audio** Reduce cost ... grade" cards Cross channel "**frame** accurate" **synchronization** ... C ARD Harmony 4 is **Visual** Circuits' newest ...www.visualcircuits.com/images/pdf/RT2.pdf - [Similar pages](#)[[More results from www.visualcircuits.com](#)]**David Ruether - Multi-Camera Editing in Premiere**... **Audio** or **visual** cues can be ... Specific cues can then be used for to-the-frame **synchronization** (a camera flash that is visible in all views, or a "snap" sound ...

www.ferrario.com/ruether/multi-camera.htm - 13k - [Cached](#) - [Similar pages](#)

[PDF] Automated Synchronization of Video and Audio Data: its ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... The immediate applications of this **synchronization** algorithm include **audio** ... series of frames plus an accompany **audio** track. Each **frame** of a colored movie is an ...

www.geocities.com/songzidu/synchronization.pdf - [Similar pages](#)

[RTF] NMTT - Napier University

File Format: Rich Text Format - [View as HTML](#)

... web-TV design concept whereby each **frame** of **visual** and ... Most **audio-visual** files incur problems due to the fact ... media; Ensuring both the video and **audio** files are ...

www.hypermedia7.net/eircom/downloads/output.doc - [Similar pages](#)

THESCRATCHPOST.com -- FILM/VIDEO DICTIONARY: Browse through the ...

... view dictionary listings by: **VISUAL** FX ... Limited frequency response of **audio**/video magnetic tape ... Genlock and **frame synchronization** differ in that genlock is ...

www.thescratchpost.com/resources/fx/vfx_dict_g.shtml - 57k - [Cached](#) - [Similar pages](#)

DVP303 Digital Visual Presenter

... DVP303. **visual** presenter high resolution color camera Features ... **Synchronization**:

(H) 60k/47kHz, (V) 75 Hz; **Frame Rate**: 15 **frame/sec.** ...

www.dukane.com/AudioVisual/products/dvp303.htm - 30k - [Cached](#) - [Similar pages](#)

Dukane AVP-700U visual presenter

... H) 60k/47kHz, (V) 75 Hz; **Frame Rate**: 15 **frame/sec.** ... PC **audio** cable; Video cable; USB cable; Instruction Manual. ... Get Acrobat Reader for **visual** presenter information. ...

www.dukane.com/AudioVisual/products/dvp505.htm - 30k - [Cached](#) - [Similar pages](#)

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Finnish-Talking Head: Overview

... The total time of calculation for one **audio** sequence is ... the viseme to phoneme mapping, the **visual** speech is ... The total time of calculation for one **frame** is less ...

www.lce.hut.fi/research/face/overview.html - 12k - [Cached](#) - [Similar pages](#)

[PS] www.cs.cmu.edu/~bumba/filing_cabinet/papers/knoche-utility.ps.gz

File Format: Adobe PostScript - [View as Text](#)

... relations and **audio-visual** speech recognition by nor- mal hearing ... [5] Nakazono, K. * **Frame** rate as a ... dia **synchronization**', IEEE Journal on Selected Areas in ...

[Similar pages](#)

PC Screen Brainwave Synchronizer

... external stimuli such as **visual** and or **audio**. ... Photonic Stimulation, Photonic Driving, and **Visual** and/or ... by using two vertical flashing colored **frame** bars which ...

www.elixa.com/mental/NeurosynCD.htm - 16k - [Cached](#) - [Similar pages](#)

Image and Video Compression

... 1152 lines/**frame** for Y, 576 for Cb, Cr; ... parts : IS 11172-1 : System, describes **synchronization** and multiplexing ... for a wide range of **audio-visual** applications at ...

my.engr.ucdavis.edu/~ssaha/videocomp.html - 12k - [Cached](#) - [Similar pages](#)

BROADCASTPAPERS.COM

... an interactive application on top of the main **audio-visual** stream at ... a lot from that feature but the **synchronization** needs to be accurate (at the **frame**-level ...

www.broadcastpapers.com/data/CanalXMLTechInBroadcast08.htm - 17k - [Cached](#) - [Similar pages](#)

psjimages10.univ.trieste.it/ip/publications/eufit98-sergio.ps.gzFile Format: Adobe PostScript - [View as Text](#)... for the alignment of desynchronized **audio-visual** speech data. Given an acoustic and **visual** speech signal, the ... compute, for each acoustic **frame**, the defuzzified ...[Similar pages](#)[\[PDF\] Learning Joint Statistical Models for Audio-Visual Fusion and ...](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)... Figure 5(a) shows an example **frame** from the ... Using **audio-visual** synchrony to locate sounds. ... Facesync: A linear operator for measuring **synchronization** of video ...www.ai.mit.edu/people/fisher/papers/fishernips00.pdf - [Similar pages](#)[\[PDF\] INFORMATIVE SUBSPACES FOR AUDIO-VISUAL PROCESSING: HIGH-LEVEL ...](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)... new results on the problem of **audio-visual** verification, and ... In the domain of **audio** and video (A/V ... Namely, speaker localization in a video **frame**, speaker **audio** ...www.ai.mit.edu/people/fisher/papers/fisherica2002.pdf - [Similar pages](#)[[More results from www.ai.mit.edu](#)][Audio Visual Plug-ins - Smart Computing](#)Plug-ins that add **audio** and **visual** capabilities to your ... 1), high-quality speech and music **audio** from a ... video compression with variable-rate **frame** delivery of ...www.smartcomputing.com/editcat/SMART/VIDEO/169/2088/ - [Similar pages](#)[\[PDF\] Microsoft PowerPoint - mpeg-4](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)... to 'coding of **audio-visual** objects' Go beyond 'frame based' **audio** ... 1. Support coded representation of both Natural and Synthetic **audio** and **visual** objects 2 ...www.comp.lancs.ac.uk/computing/users/kc/Lecturing/csc366/mpeg4_handouts_col.pdf - [Similar pages](#)[Projects Automated](#)... the individual course content, to which the **audio-visual** data is ... links to the player in the lower left **frame**. ... The video and **audio** source are synchronized using ...www.cs.ucsb.edu/research/ctl/Projects_Automated.html - 17k - [Cached](#) - [Similar pages](#)[\[PDF\] CD 200 SERIES](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)... the revolving upperstructure and welded to the carrier **frame**. ... Rated Capacity Indicator with **visual** and audible ... two block system includes **audio/visual** warn- ing ...www.terexlift.com/product/Cran/CD_200Ser-495spec.pdf - [Similar pages](#)[Audio Visual Technologies Group](#)... **Synchronization** Compatibility. ... two-megapixel single plate CCD camera, with 4 **frame/sec** scan ... Call Toll-Free 8:00-5:00 CST Mon-Fri **Audio Visual** Technologies Group ...www.avtg.com/nec-dt100-lcd-projectors.htm - 70k - [Cached](#) - [Similar pages](#)[Audio Visual Technologies Group](#)... Focus allow you to freeze-**frame** video sources ... **Synchronization** Compatibility, Separate Sync/Composite Sync/Sync on ... 00 CST Mon-Fri **Audio Visual** Technologies Group ...www.avtg.com/nec-gt2150-lcd-projectors.htm - 59k - [Cached](#) - [Similar pages](#)[Audio-Visual Glossary of Terms](#)... to operate combinations of devices (often Projectors) in **synchronization**. ... **Frame**

In Video, a single image on a ... Copyright © 1999 by Francis **Audio-Visual**. ...

www.francisav.com/glossary.htm - 55k - [Cached](#) - [Similar pages](#)

Springer LINK: Multimedia Systems - Abstract Volume 6 Issue 5 (...

... effects related to the **synchronization** of sound ... a lower limit of **frame** rate from ... Key words: Multimedia communication - **Audio-visual** integration - McGurk effect ...

link.springer-ny.com/link/service/journals/ 00530/bibs/8006005/80060359.htm - 5k - [Cached](#) - [Similar pages](#)

[PPT]The Visual Acuity of Perceiving Eye Contact

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... input image. **frame** difference. after erosion. ... Value of video beyond **audio**. Cues only transmitted by the **visual** channel: Negative feedbacks, Emotional bond: ...

graphics.stanford.edu/~miltchen/ VideoAuditorium/i2_fall_02.ppt - [Similar pages](#)

[PDF]Video Rewrite: Driving Visual Speech with Audio

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... Sections 3.1 and 3.2, we describe the **visual** and acoustic ... As her face moves within the **frame**, we need to ... Video Rewrite segments new **audio** and uses it to select ...

graphics.stanford.edu/~bregler/VideoRewrite.pdf - [Similar pages](#)

[[More results from graphics.stanford.edu](#)]

[PPT]MPEG-7 Conceptual Model

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... Internal Transition Effect, Key **frame**, Linguistic structure ... Features: **Audio** features, Color, Deformation, Melody ... Sketch, Texture, Timbre, **Visual** features, Volume ...

www.mpeg-industry.com/ifg/AEparis/conceptual%20model/ conceptual%20model.ppt - [Similar pages](#)

MULTIMEDIA DMTG

... If you reference a cursor of the current file (or **frame**), then that ... The most accurate way to synchronize the **visual** display with the **audio** signal is to ...

www.dundee.ac.uk/psychology/dmastr/dm_man14.htm - 21k - [Cached](#) - [Similar pages](#)

Article4

... **Audio** to video **synchronization** errors are becoming more troublesome as ... on the sensor type, the **visual** delay may be ... the liberal use of digital **frame** store based ...

www.dlcreations.com/web_info/Pixel%20Web/ 5ProfesArticles/4/ProArt4.htm - 19k - [Cached](#) - [Similar pages](#)

[doc]Distributed audio-Visual Archives Network

File Format: Microsoft Word 97 - [View as HTML](#)

... use its features (ie its dominant colors) as **visual** parameters for ... When replaying **audio** and video the client allows for ... eg, for selecting a new key **frame** for a ...

divan.intranet.gr/overall_technical.doc - [Similar pages](#)

[PDF]Microsoft PowerPoint - MP4 SIGGRAPH JC SOMO

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... Inter-**frame** Predictive Coding Sub-sampling **Frame** Reduction ... scene description time base **Synchronization** Flex Mux ... as a composition of **Audio Visual** Objects (AVO's ...

wwwalt.ldv.ei.tum.de/conferences/siggraph/ MP4_Streams_of_Media_Objects.pdf - [Similar pages](#)

[PS]mambo.ucsc.edu/psl/tsuhan.ps

File Format: Adobe PostScript - [View as Text](#)

... used in language translation in **audio/visual** media, in ... 5. Perception-based **frame**-skipping: A traditional ... For lip **synchronization** consideration, **frame**-skipping ...

[Similar pages](#)

[PDF]MPEG2 video dec

File Format: PDF/Adobe Acrobat

... the user data section of each **frame** (usually done ... Microsoft ® **Visual C++** ® 6.0 users may simply use the ... that is comprised of video and **audio** stream buffers. ...

www.stradis.com/api_sdk_ds.pdf - [Similar pages](#)

[PDF]MPEG-Origins, Applications, and the Future.fm

File Format: PDF/Adobe Acrobat

... is then displayed to the user with full **audio/video synchronization** ... Page 2 of 3 Why it works **Visual** information, video ... Each sample point in a **frame** is called a ...

www.vela.com/pdf/ MPEG-Origins,%20Applications,%20and%20the%20Future.pdf - [Similar pages](#)

[PDF]REAL-TIME LIP-SYNCH FACE ANIMATION DRIVEN BY HUMAN VOICEFile Format: PDF/Adobe Acrobat - [View as HTML](#)

... the cepstrum coefficients of each **frame**, calculate the ... can be played back with perfect lip **synchronization**. ... 1] T. Chen and R. Rao, "**Audio-visual** integration in ...

amp.ece.cmu.edu/Publication/Jie/mmsp98_jie.pdf - [Similar pages](#)

System Description

... The overview of the **audio-visual** system employed in ... two dedicated personal computers and **frame** grabbers capable ... interleaves 1/60-second of **audio** between video ...

www.cs.wright.edu/~kpraveen/ FA/system%20description.htm - 21k - [Cached](#) - [Similar pages](#)

BLOCK DIAGRAM

... stage of the proposed text-to-**audio-visual** (TTAVS) system ... Lip **Synchronization** and Facial Animation Control. ... the required visemes at the required **frame** number in ...

face.ee.nus.edu.sg/Hari/Masters_home_page/ block_diagram.htm - 7k - [Cached](#) - [Similar pages](#)

[PDF]DVP505File Format: PDF/Adobe Acrobat - [View as HTML](#)

... to Transport * 3X Optical and 4x Digital Zoom **Audio Visual** Products Model ... 1024 (H) X 768 (V), XGA * **Synchronization** (H) 60k/47kHz, (V) 75Hz * **Frame** Rate 15 ...

www.ritzav.com/pdf/DVP505.pdf - [Similar pages](#)

B&H Photo Video Pro **Audio** - Hotronic At-61au **frame** sync (w/ ...

... 10-bit processing eliminates **visual** quantizing noise, and the matching **audio** delay ... 20-bit/48kHz digital **audio** synchronized to ... **Frame synchronization** with full ...

www.bhphotovideo.com/product/100752/HOAT61AU/REG/2138 - 48k - [Cached](#) - [Similar pages](#)

[PDF]Automatic Selection of Visemes for Image-based **Visual** Speech ...File Format: PDF/Adobe Acrobat - [View as HTML](#)

... The system could then select the key **frame** so that ... Selection of Visemes An image-based **visual** speech synthesis ... A general practice is to segment video by **audio**. ...

www.is.cs.cmu.edu/papers/multimodal/ ICME2000/ICME2000-jie.pdf - [Similar pages](#)

LeadTech? ? ? ? ? ? ? ?

... **audio**? internal video/**audio**? ? A/V ... ReelTime 2 ? ? ? **Visual** Circuit ReelTime ... ? ? ? ? ? ? ? ? ? ? ? ? ? ? **frame** accurate cross ...

www.leadtech21.com/product/product_mboard01_02.htm - 37k - [Cached](#) - [Similar pages](#)

Synchronizing animation with MIDI **audio**

... more concerned with (real-time) performance than with "**audio**". ... That is, test the maximum **frame** rate before you ... DLLs were compiled with Microsoft **Visual C/C++** ...

ourworld.compuserve.com/homepages/ compuphase/maxmidi.htm - 18k - [Cached](#) - [Similar pages](#)

Picture Perfect Sound

... Manufacturers generally lump the topics of picture-**frame** manipulation and **audio** ... or video, timing is derived from the **visual** elements, and the **audio** has to ...

emusician.com/ar/emusic_picture_perfect_sound/ - 37k - [Cached](#) - [Similar pages](#)

MPEG-4 Video Standard for Multimedia Applications

... various scales of quality, size or **frame** rates to ... both synthetic (S) and natural (N) **audio-visual** objects as ... will allow the separate coding of **audio** or video ...

wwwam.hhi.de/mpeg-video/papers/ sikora/ISCAS/IEEE-ISCAS.htm - 13k - [Cached](#) - [Similar pages](#)

Hasselblad Xpan 35mm Rangefinder Camera body #14010

... Shutter and Release, Focal plane shutter, B, 8 s - 1/1000 s, flash **synchronization** from B - 1/125 s. Film Type, 35 mm. ... Single **frame** and continuous. ...

www.adorama.com/skudooraid003925.tpl?sku=HSX - 47k - [Cached](#) - [Similar pages](#)

biron.usc.edu/~shanl/resumes/resume.txt

... on MPEG-4 system integration, **audio-visual** packetization and **synchronization** for multimedia ... 1 Investigated and developed various **frame-rate** up ...

9k - [Cached](#) - [Similar pages](#)

Resume

... sample rate conversion, error consuming, **frame synchronization**, buffer level ... DSP communication tools and **audio** processing utilities using **Visual C++**. ...

members.fortunecity.com/ezhong/resume.html - 10k - [Cached](#) - [Similar pages](#)

[PDF]PERCEPTUALLY TRANSPARENT ATTACHMENT OF CONTENT-BASED DATA TO ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... For each MPEG **audio frame**, we obtain a maximum of u k ... application deals with simultaneous playback and **visual** presentation of musical content of **audio** data ...

www.cg.cs.tu-bs.de/v3d2/pubs.collection/icme2000.pdf - [Similar pages](#)

[PDF]SGI Graphics Cluster

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... precision, fully locked video and **frame-buffer synchronization** ... ensures that requirements for **visual** immersion can be ... 1 PS/2 keyboard port ***Audio**: - On-board ...

www.sgi.com/pdfs/3065.pdf - [Similar pages](#)

[PPT]An Access Control Model for Video Database Systems

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... **Visual** specific: (Types of features (color, texture, sketch...), **Visual** data formats...Etc.). ... Document. **Audio**. Video. Speed Track. ... Object2. Object3. **Frame** 1. **Frame** 120. ...

www.cs.purdue.edu/homes/aref/cs-690d-presentations/ MPEG7-690.ppt - [Similar pages](#)

[PDF]Microsoft PowerPoint - MPEG-4, overview, MP4 file

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... and coarse temporal scene composition - **Synchronization** Layer: fine ... cannot make cuts, but change **frame rate**, size ... YUV 12 bit for **visual** * **Audio** input: - same ...

www.tele.ntnu.no/users/andrew/Papers/sie20af/ MPEG-4,%20overview,%20MP4%20file-full.pdf - [Similar pages](#)

Wireless color CCD pinhole camera with **audio**

... Video/**audio** signal can pass through walls and other obstacles. ... Lens Focus and **Visual** Angle, 3.6mm, 72 o wide ... External **frame synchronization**, aperture adjustment ...

www.vfmstore.com/ccdpin8wlp122.htm - 23k - [Cached](#) - [Similar pages](#)

Wired Color CCD Pinhole Camera with **audio**

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